Steffen Nock, et al. Application No.: 10/701,887

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1.-24. (Canceled)

25. (Previously Presented) A kit for making F(ab')₂ fragments from a glycosylated antibody comprising a hinge region, said hinge region comprising one or more protease cleavage sites located within said hinge region and one or more non-hinge regions adjacent to said hinge region, said non-hinge region(s) having one or more oligosaccharide groups attached thereto, said oligosaccharide group(s) causing said protease cleavage site(s) within said hinge region to be resistant to a protease treatment, said kit comprising:

a deglycosylation composition comprising at least one glycosidase capable of catalyzing the hydrolysis of an N-glycosidic or O-glycosidic linkage between a sugar unit and an amino acid to form a partially or wholly deglycosylated antibody; and,

a protease composition comprising one or more proteases capable of reacting with said partially or wholly deglycosylated antibody to produce said F(ab')₂ fragments from said partially or wholly deglycosylated antibody.

- 26. (Previously Presented) The kit of claim 25, further comprising a purification medium for purifying said F(ab')₂ fragments from non-F(ab')₂ fragments of said glycosylated antibody or partially or wholly deglycosylated antibody or from uncleaved glycosylated antibody or partially or wholly deglycosylated antibody.
- 27. (Previously Presented) The kit of claim 25, further comprising instructions for carrying out a method comprising the steps of:
- (i) exposing said glycosylated antibody to said deglycosylation composition thereby cleaving said oligosaccharide group(s) attached to said non-hinge region(s) to form said partially or wholly deglycosylated antibody; and,
- (ii) exposing said partially or wholly deglycosylated antibody to said protease treatment to form said $F(ab')_2$ fragment.